Quantitation Report (Qedit)

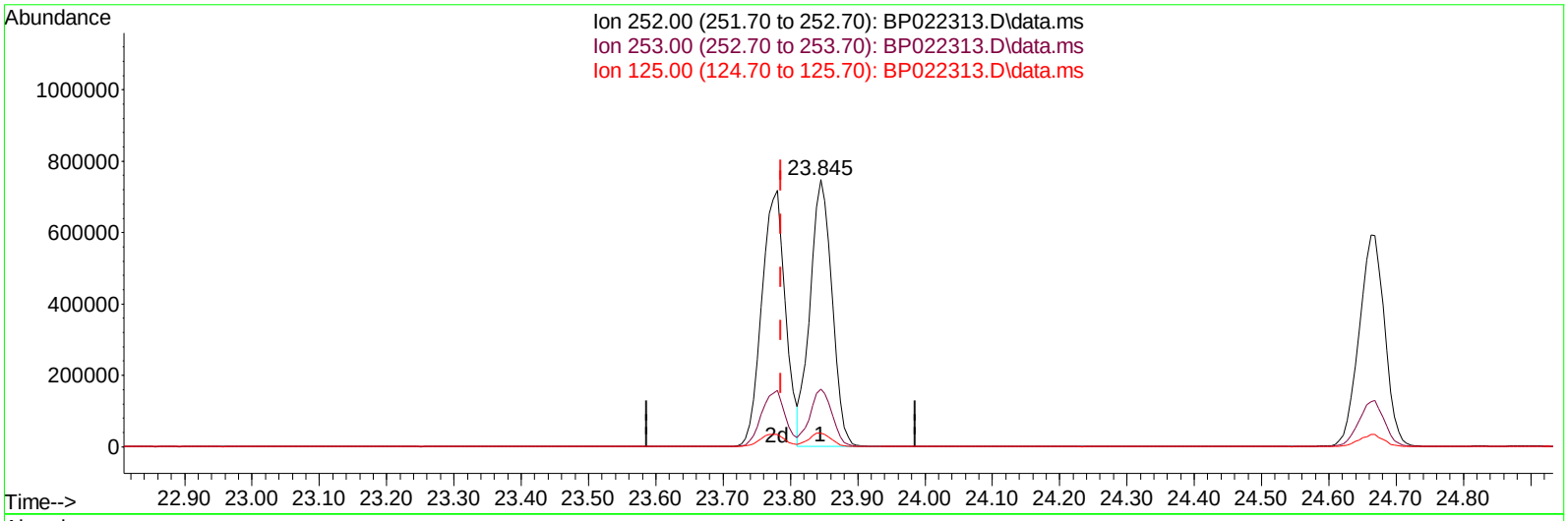
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022313.D
Acq On : 10 Oct 2024 07:22
Operator : RC/JU
Sample : PB163728BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

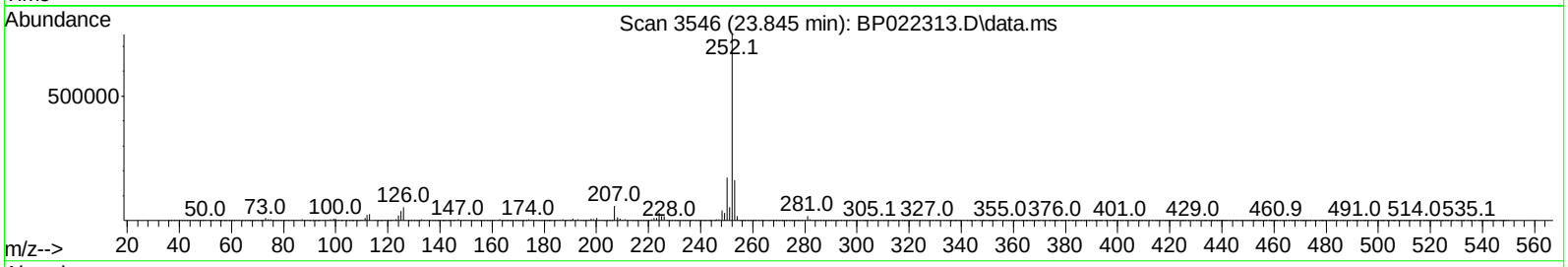
Quant Time: Oct 10 07:49:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration

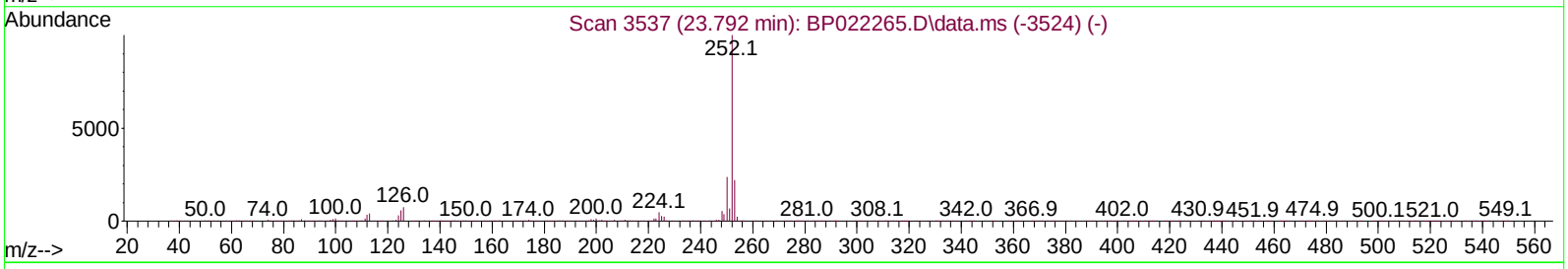
Instrument :
BNA_P
ClientSampleId :
SLCS728

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BP022313.D\data.ms

(90) Benzo(b)fluoranthene

23.845min (+ 0.059) 22.08 ng/ul

response 1690807

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.63
125.00	6.20	4.98
0.00	0.00	0.00

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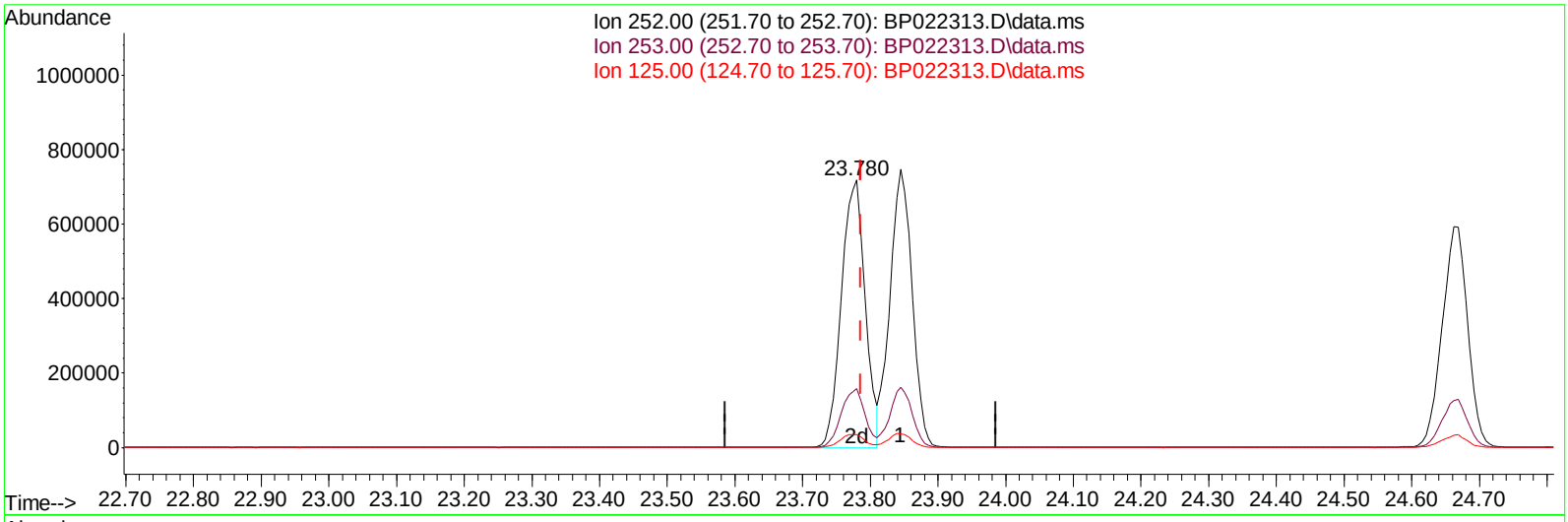

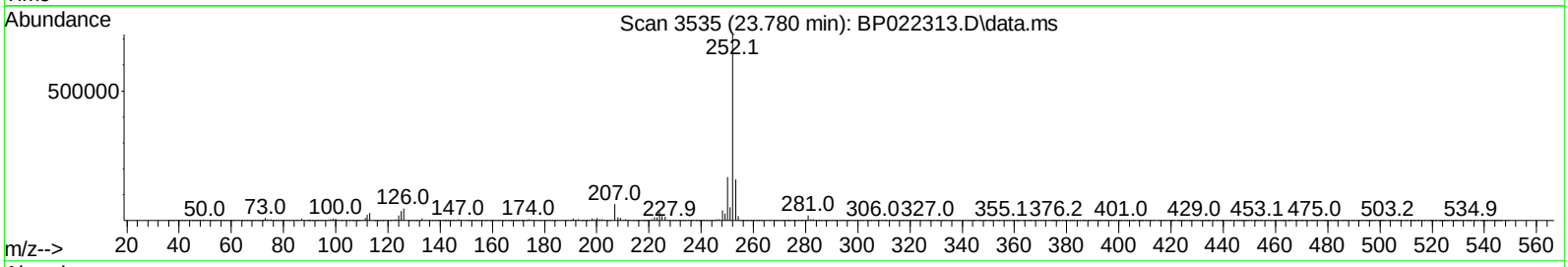

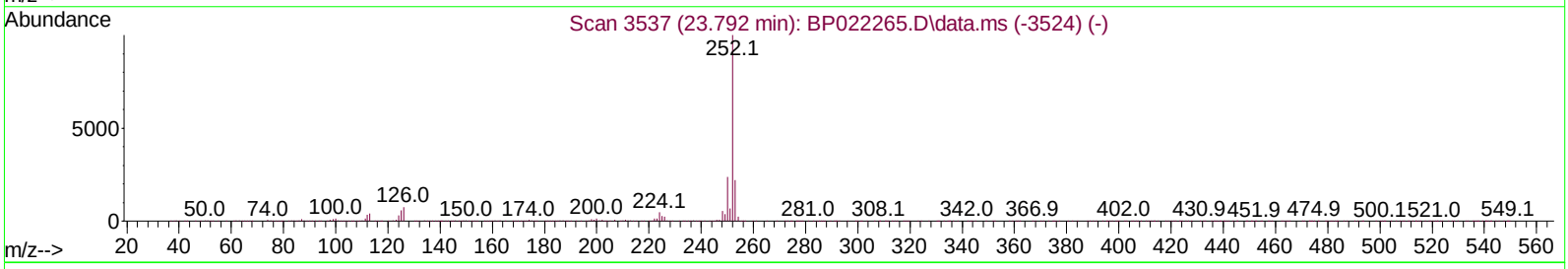

TIC: BP022313.D\data.ms

(90) Benzo(b)fluoranthene

23.780min (-0.006) 22.92 ng/ul m

response 1754615

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.12
125.00	6.20	4.93#
0.00	0.00	0.00

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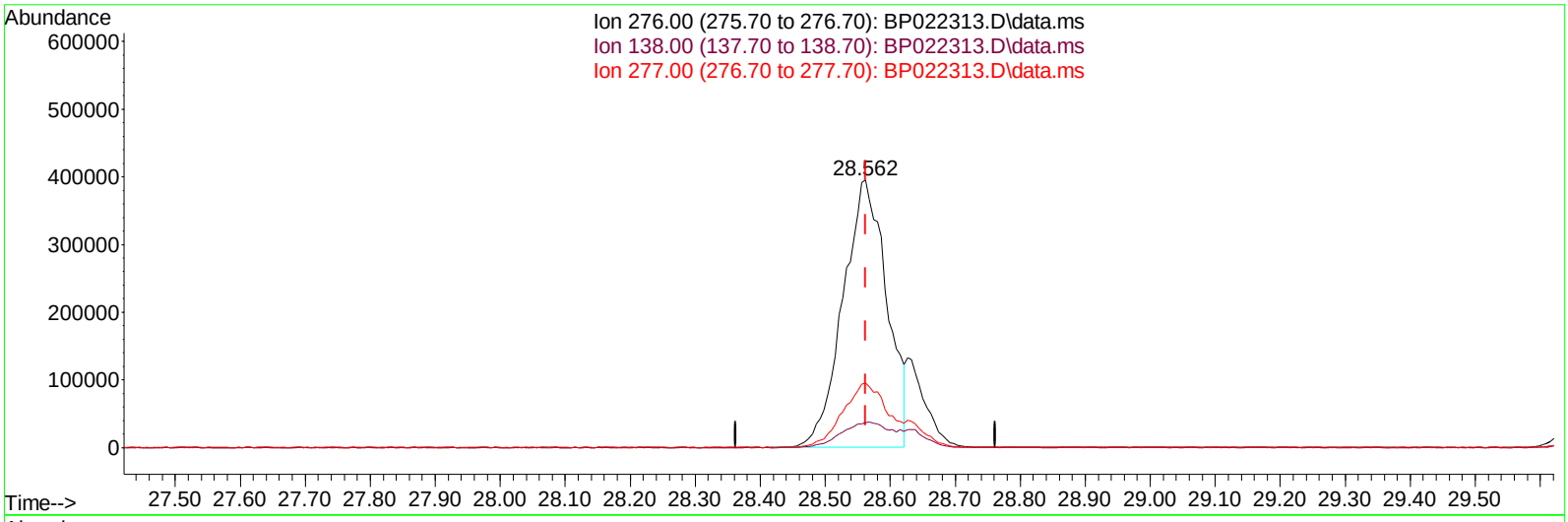

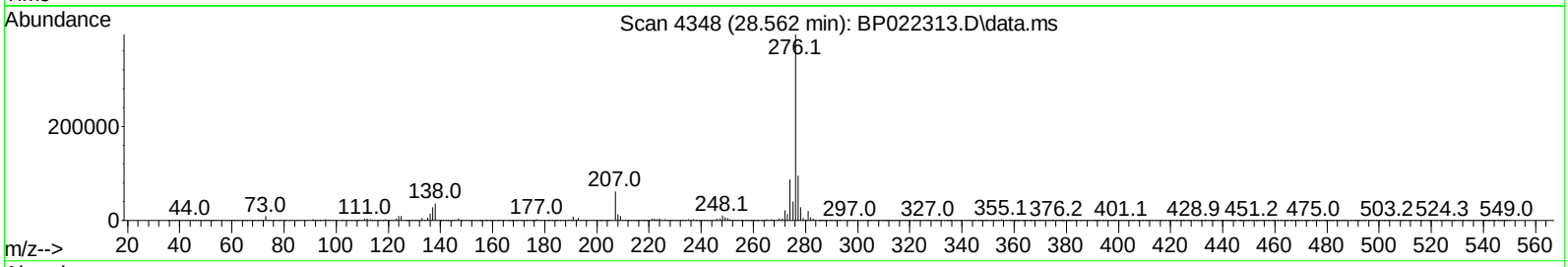

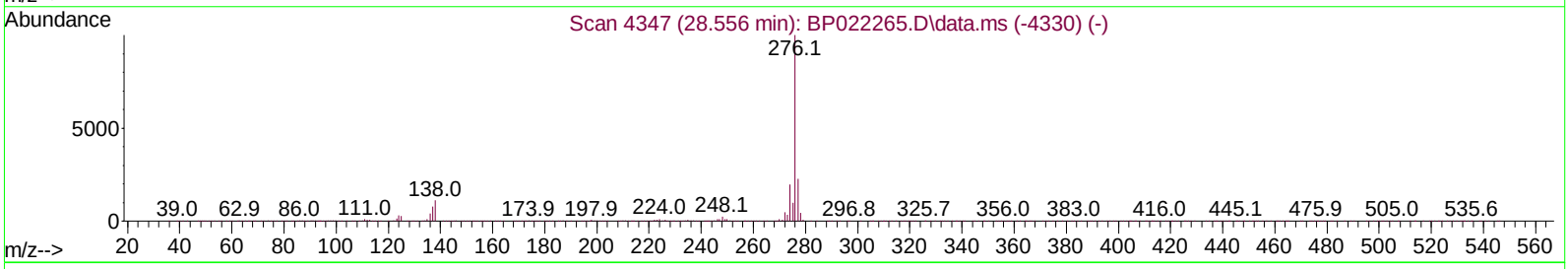

TIC: BP022313.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.562min (-0.000) 19.68 ng/ul

response 1850564

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.30
277.00	23.20	24.17
0.00	0.00	0.00

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Instrument :
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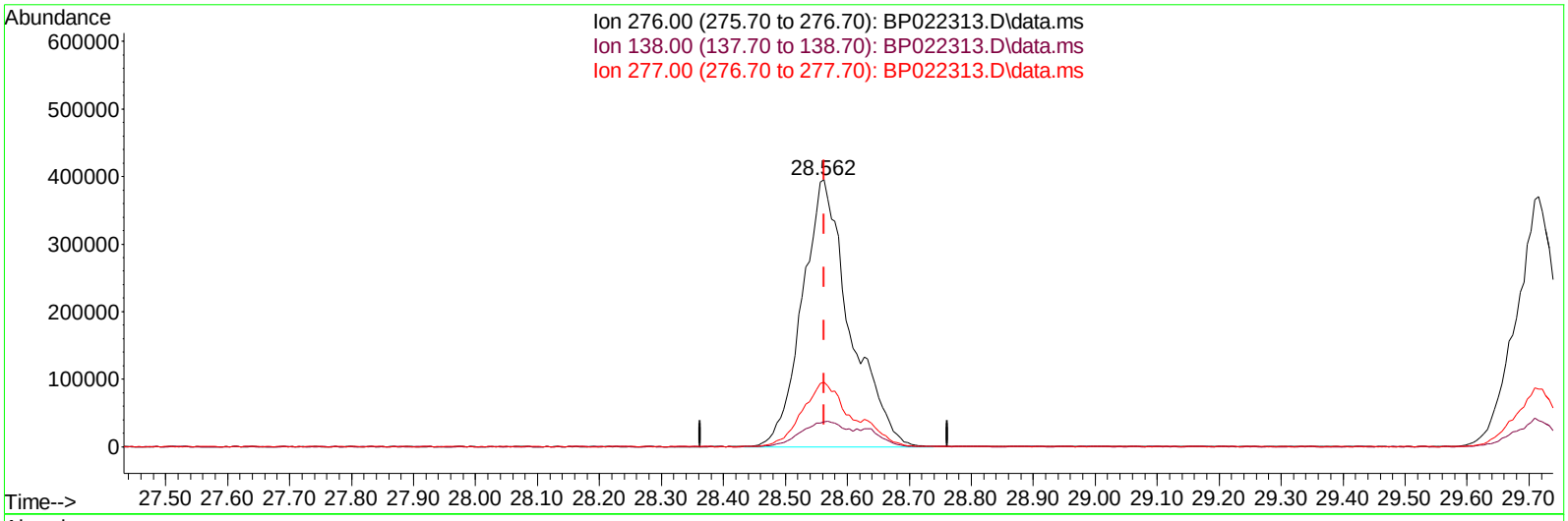

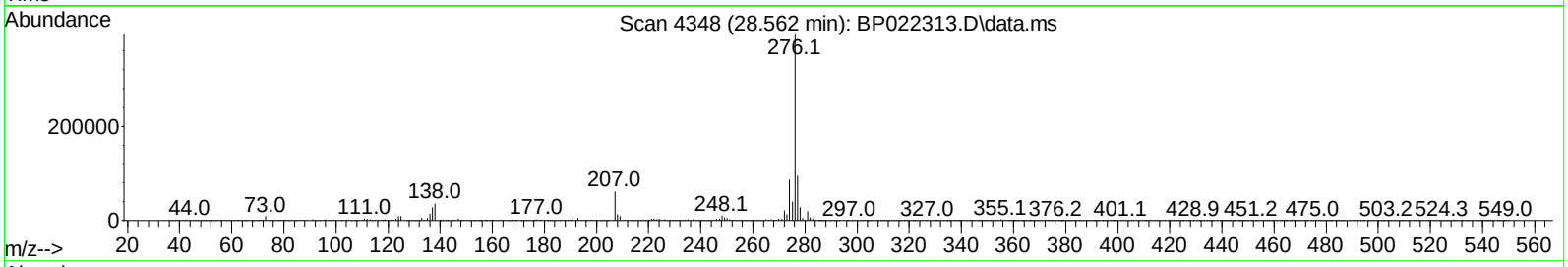

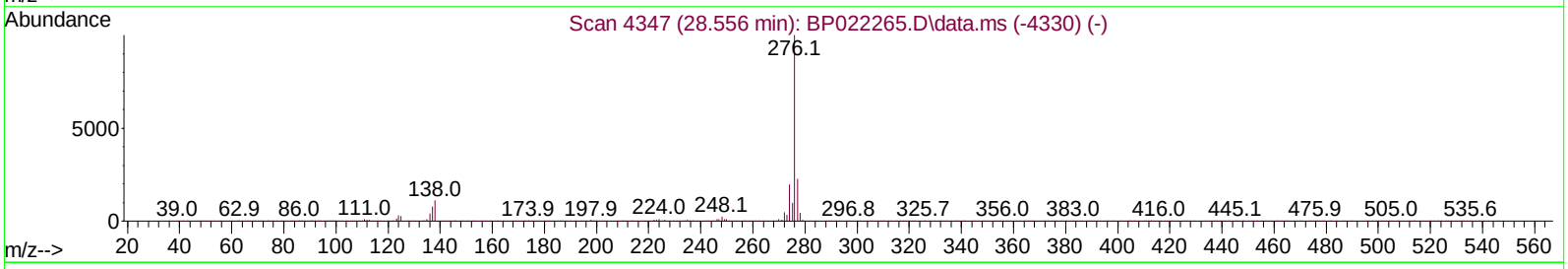

TIC: BP022313.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.562min (-0.000) 22.55 ng/ul m

response 2120458

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.30
277.00	23.20	24.17
0.00	0.00	0.00

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Acq On : 10 Oct 2024 07:22
Operator : RC/JU
Sample : PB163728BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 10 07:51:02 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	135329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	511500	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	393457	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.104	188	968343	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1043742	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1216319	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	13840	3.974	ng/uL	0.00
4) Pyridine-d5	3.640	84	192485	20.134	ng/ul	0.00
7) Phenol-d5	6.893	99	253003	22.210	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	144823	21.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	192193	23.777	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	203793	22.417	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	94503	24.029	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	113734	24.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	233105	24.087	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	250871	21.939	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	690637	22.093	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	776627	23.390	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	122567	23.371	ng/ul	0.00
60) Fluorene-d10	15.316	176	628998	23.198	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	139714	21.938	ng/ul	0.00
73) Anthracene-d10	17.210	188	1053966	23.137	ng/ul	0.00
81) Pyrene-d10	19.586	212	1377492	24.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	1541599	23.732	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	27966	7.469	ng/uL	96
5) Pyridine	3.658	79	186854	19.062	ng/ul	100
6) Benzaldehyde	6.858	77	142063	23.077	ng/ul	96
8) Phenol	6.922	94	257932	21.763	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.134	93	195370	22.026	ng/ul	99
12) 2-Chlorophenol	7.281	128	190593	22.802	ng/ul	98
13) 2-Methylphenol	8.146	108	187541	21.804	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.216	45	220853	21.424	ng/ul	99
16) Acetophenone	8.516	105	315849	21.044	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.499	70	163268	21.471	ng/ul	98
18) 4-Methylphenol	8.469	108	206027	21.592	ng/ul	93
19) Hexachloroethane	8.763	117	88777	22.806	ng/ul	98
22) Nitrobenzene	8.887	77	255303	21.747	ng/ul	98
23) Isophorone	9.410	82	451251	21.438	ng/ul	99
25) 2-Nitrophenol	9.587	139	117625	23.970	ng/ul	97
26) 2,4-Dimethylphenol	9.652	107	205793	19.294	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.875	93	259977	21.753	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	222640	23.362	ng/ul	98
30) Naphthalene	10.510	128	603373	22.147	ng/ul	99
32) 4-Chloroaniline	10.622	127	207306	18.365	ng/ul	98
33) Hexachlorobutadiene	10.793	225	183848	22.889	ng/ul	99
34) Caprolactam	11.404	113	65832	21.427	ng/ul	93
35) 4-Chloro-3-methylphenol	11.751	107	237325	22.824	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	448960	22.450	ng/ul	97
37) 1-Methylnaphthalene	12.340	142	448213	21.958	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.487	216	330448	22.714	ng/ul	97
40) Hexachlorocyclopentadiene	12.463	237	130127	14.681	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	211075	23.065	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	233582	23.972	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	633564	22.340	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	518297	22.325	ng/ul	98
45) 2-Nitroaniline	13.393	65	156200	22.533	ng/ul	93
47) Dimethylphthalate	13.769	163	677988	21.765	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	143533	24.361	ng/ul	98
50) Acenaphthylene	14.028	152	779559	22.623	ng/ul	99
51) 3-Nitroaniline	14.210	138	134314	24.271	ng/ul	96
52) Acenaphthene	14.375	153	539673	22.147	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	87646	20.218	ng/ul	99
55) 4-Nitrophenol	14.540	109	129408	22.233	ng/ul	99
56) Dibenzofuran	14.716	168	810545	22.144	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	220628	24.097	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.945	232	207900	22.859	ng/ul#	99
59) Diethylphthalate	15.145	149	660886	22.114	ng/ul	98
61) Fluorene	15.369	166	669682	22.455	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.369	204	376569	22.080	ng/ul	99
63) 4-Nitroaniline	15.410	138	149400	26.830	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	147841	21.552	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	573493	22.116	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	265149	22.706	ng/ul	98
69) Hexachlorobenzene	16.398	284	330678	23.006	ng/ul	96
70) Atrazine	16.569	200	184810	17.145	ng/ul	96
71) Pentachlorophenol	16.751	266	199809	21.619	ng/ul	98
72) Phenanthrene	17.151	178	1159256	22.376	ng/ul	99
74) Anthracene	17.251	178	1159608	22.429	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	323629	21.950	ng/uL	99
76) Pentachlorobenzene	14.628	250	349593	21.448	ng/uL	98
77) Carbazole	17.534	167	1043062	22.801	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1173126	23.176	ng/ul	99
80) Fluoranthene	19.239	202	1550840	24.441	ng/ul	99
82) Pyrene	19.616	202	1650441	24.268	ng/ul	99
83) Butylbenzylphthalate	20.557	149	595886	25.166	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	611487	24.577	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1677058	22.920	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	816795	24.032	ng/ul	99
87) Chrysene	21.586	228	1563966	23.052	ng/ul	100
89) Di-n-octyl phthalate	22.698	149	1438983	24.872	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1754615m	22.917	ng/ul	
91) Benzo(k)fluoranthene	23.845	252	1690807	22.556	ng/ul	99
93) Benzo(a)pyrene	24.663	252	1564944	22.209	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.562	276	2120458m	22.550	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	1705530	22.399	ng/ul	98
96) Benzo(g,h,i)perylene	29.715	276	1637961	22.395	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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